

# FOIA-HQ 2014 -001128 - Cristina Stella - Trenbolone

## Index

- 1) Trenbolone: Chemwatch GHS Safety data sheet(review) May 9-2010,Chenwatch 4157-93
- 2) Aquatic Toxicology:144-145(2013) 141-154:Molecular target sequence similarity as a basis for species extrapolation to assess the ecological risk of chemicals with known modes of action. Carlie A. LaLone, Daniell. Villeneuve, Lyle D. Burgoon, Christine L. Russom, Henry W. Helgen, Jason P. Berninger, Joseph E. Tietge, Megan N. Severson, Jenna E. Cavallin, Gerald T.Ankley
- 3) Environmental Toxicology and Chemistry, Vol 32 No.5, pp,1084-1087: Cross-species conservation of endocrine pathways: a critical analysis of tier 1 fish and rat screening assays with 12 model chemicals. Gerald T. Ankley and Earl Gray.
- 4) Environmental Toxicology and Chemistry, Vol . 31, No. 10 pp. 2391-2398, 2012: Trenbolone causes mortality and altered sexual differentiation in Xenopus Tropicalis during larval development. Allan W. Olmstead, Patricia A. Kosian, Rordney Johnson, Pamela E. Blackshear, Jonathan Hasselman , Chad Blanksma, Joseph J. Korte, Gary W. Holcombe, Emily Burgess, Anelie Lindberb-Livingston, Blake A. Bennett, Kacie K. Woodis, and Sigmund J. Degitz.
- 5) Environmental Science and Technology, 2012, 46, 9673-9680-American Chemical Society. Metabolite Profiling and a Transcriptional Activation Assay Provide Direct Evidence of Androgen Receptor Antagonism by Bisphenol A in Fish. D.R. Ekman, P.C. Hartig, M. Cardon, D.M. Skelton, Q. Teng, E.J. Durham, K.M. Jensen, M.D .Kahl, D.L. Villeneuve, L.E. Gray, Jr., T.W. Collette, and G.T. Ankley.
- 6) Li et al, BMC Systems Biology 2011,5:63 <http://www.biomedcentral.com/1752-0509/5/63> A computational model of the hypothalamic pituitary-gonadal axis in female flathead minnows (*Pimephales promelas*) expose to 17  $\alpha$ -ethynylestradiol and 17 $\beta$ -Trenbolone. Zhenhong Li, Kevin J. Kroll, Kathleen M. Jensen, Daniel L. Villeneuve, Gerald T Ankley, Jayne V. Brian, Maria S. Sepulveda, Edward F. Orlando, James M. Lazorchak, Mitchell Kostich, Brandon Armstrong, Nancy D. Denslow, and Karen H. Watanabe
- 7) Experimental Toxicology and Chemistry, Vol.30, No.2, pp. 319-329, 2011. Use of Gene Expression, Biochemical and Metabolite Profiles to Enhance Exposure and Effects Assessment of the Model, Androgen 17 $\beta$ -Trenbolone in Fish. Drew R. Ekman Daniel L. Villeneuve, Quincy Teng, Kimberly J. Ralston-Hooper, Dalma Martinovic-Weigelt, Michael D. Kahl, Kathleen M. Jemsen, J. Durhan, Elizabeth A. Makynen, Gerald T. Ankley, and Timothy W. Collette.
- 8) Environmental Toxicology and Chemistry, Vol. 29, No.6, pp.1367-1376 2010. Characterization of the Androgen-Sensitive MDA-KB2 Cell Line for Assessing Complex Environmental Mixtures. Lindsey S. Blake, Dalma Martinovic, L. Earl Gray, Jr. Vickie S. Wilson, Ron R. Regal, Daniel L. Villeneuve, and Gerald T. Ankley.
- 9) Environmental Science & Technology Vol.,44, No 17, 2010, 6881-6886-American Chemical Society. Impacts of an Androgen/ Anti-Androgen Mixture on the Metabolite profile of male Flathead Minnows ,Timothy W. Collette, Quincy Teng, Kathleen M. Jensen, Michael D. Kahl, Elizabeth A. Makynen, Elizabeth J . Durhan, Daniel L. Villeneuve, Delma Martinovic-Weigelt, Andrew Ankley, and Drew R. Ekman

- 10) Aquatic Toxicology, 99 (2010)389-396, Use of Chemical Mixtures to Differentiate Mechanisms of Endocrine Action in a Small Fish Model. Gerald T. Ankley, Kathleen M. Jensen, Michael D. Kahl, Elizabeth J. Durhan, Elizabeth A. Makynen, Jenna E. Cavallin, Dalma Martinovic, Leah C. Wehmas, Nathaniel D. Mueller, Daniel L. Villeneuve.
- 11) ) Journal of Proteome Research, 8 (5) 2186-2200. Quantitative Proteomic Profiles of Androgen Receptor Signaling in the Liver of Flathead Minnows, (*Pimephales promelas*. Christopher J. Martynuk, Sophie Alvarez, Scott McClung, Daniel L. Villeneuve, Gerald T. Ankley, Nancy D. Denslow
- 12) ) Environmental Toxicology and Chemistry, Vol, 27, No.2, pp. 478-488,2008. Reproductive Toxicity of Vinclozolin in the Flathead Minnow Confirming an Anti-androgenic Mode of Action. Dalma Martinovic, Lindsey S. Blake, Elizabeth J. Durhan, Katie J. Greene, Michael D. Kahl, Kathleen M. Jensen, Elizabeth A. Makynen, Daniel L. Villeneuve and Gerald T. Ankley
- 13) Environmental Toxicology and Chemistry, Vol. 27, No.3, pp. 664- 675, 2008. DNA Microarray-based Ecotoxicological Biomarker Discovery in a Small Fish Model Species. Rong-Lin Wang, David Bencic, Adam Biales, David Lattier, Mitch Kostich, Dan Villeneuve, Gerald T. Ankley, Jim Lazorchak, and Greg Toth
- 14) Science Direct-Toxicology Letters 174(2007) 31-41. [www.elsevier.com/locate/toxlet](http://www.elsevier.com/locate/toxlet) In Utero Exposure to the Environmental Androgen Trenbolone Masculinizes female Sprague-Dawley Rats. A.K. Hotchkiss, J. Furr. E.A. Mayken, G.T. Ankley ,L.E. Gray,Jr.
- 15) Environmental Toxicology and Chemistry, VOL. 22, No. 6, pp. 1350-1360, 2003, Effects of the Androgenic Growth Promoter 17- $\beta$ - Trenbolone on Fecundity and Reproductive Endocrinology of the Fathead Minnow, Gerald T. Ankley, Kathleen M . Jensen, Elizabeth A. Makynen, Michael D. Kahl, Joseph J. Korte, Michael W. Hornung, Tala R. Henry, Jeffrey S. Denny, Richard L. Leino, Vickie S. Wilson, Mary C. Cardon, Phillip C. Hartig and L. Earl Gray.
- 16) Ecotoxicology and Environmental Safety, 59, pp. 1-9, 2004, Modeling Impacts on Populations: Flathead Minnows ( *Pimephales promelas*) Exposure to the Endocrine disruptor 17 $\beta$ -Trenbolone as a Case Study, David H. Miller and Gerald T. Ankley.
- 17) Environmental Science & Technology, Vol. 38, No. 23, pp. 6314-6321, 2004, Cloning and In Vitro Expression and Characterization of the Androgen receptor and Isolation of Estrogen Receptor  $\alpha$  from the Flathead Minnow (*Pimephales promelas*), Vicki S. Wilson, Mary C. Cardon, Joseph Thornton, Joseph J. Korte, Gerald T. Ankley, Jeffrey Welch, L. Earl Gray, Jr., and Phillip C. Hartig.
- 18) Environmental Science & Technolgy Vol. 38. No.,23, pp. 6322-6327, 2004, Evaluation of the Model Anti-androgen Flutamide for Assessing the Mechanistic Basis of Responses to Androgen in the Flathead Minnow (*Pimephales promelas*), Gerald T. Ankley, David L. DeFoe, Michael D. Kahl, Kathleen M. Jensen, Elizabeth A. Makynen, Ann Miracle, Phillip Hartig, L. Earl Gray, Mary Cardon and Vickie Wilson.
- 19) Ecotoxicology and Environmental Safety 63, pp. 337-342, 2006, Expression of Two Vitellogenin Genes( *vg1* and *vg3*) in Flathead Minnow (*Pimephales promelas*) Liver in Response to Exposure to Steroidal Estrogens and Androgens, Ann Miracle, Gerald Ankley, David Lattieer.
- 20) Ecotoxicology and Environmental Safety , 64, pp. 101-105, 2006, Evaluation of a Commercial Kit for Measuring Vitellogenin in the Flathead Minnow (*Pimephales promelas*), Kathleen M. Jensen, Gerald T. Ankley.

- 21) Environmental Science & Technology, Vol. 40, No.,9, pp. 3112-3117, 2006, Effects of the Feedlot Contaminant 17 $\alpha$ -Trenbolone on Reproductive Endocrinology of the Flathead Minnow, Kathleen M. Jensen, Elizabeth A. Makynen, Michael D. Kahl, and Gerald T. Ankley.
- 22) Environmental Toxicology and Chemistry, Vol. 26, No. 3 pp. 521-527, 2007, Linkage of Biochemical Responses to Population-level Effects: A Case Study with Vitellogenin in the Flathead Minnow (*Pimephales Promelas*), David H. Miller, Katherine M. Jensen, Daniel L. Villeneuve, Michael D. Kahl, Elizabeth A. Makynen, Elizabeth J. Durhan, and Gerald T. Ankley.
- 23) Environmental Science & Technology, Vol. 42, No.,11 pp. 4188-4194, 2008, Investigating Compensation and Recovery of Flathead Minnow (*Pimephales Promelas*) Exposed to 17 $\alpha$ -Ethynodiol with Metabolite Profiling, D. R. Ekman, Q. Teng , D. L. Villeneuve, M . D . Kahl, K. M. Jensen, E. A. Durhan, G. T. Ankley and T. W. Collette.
- 24) Environmental Toxicology and Chemistry, Vol. 28, No., 8, pp. 1767-2009, 2009, Daniel L. Villeneuve, Rong-Lin Wang, David C Bencic, Adam D. Biales, Dalma Martinovic, James M. Lazorchak, Gregory Toth, and Gerald T. Ankley.

